



NON-STOP POWER FOR NON-STOP GROWTH



IoT enabled smart Genset
Technology on your finger tips

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The Escorts Kubota group is one of the globally leading engineering conglomerates operating in the high growth sectors of agri-machinery, construction, railway equipment, auto components & power generation. At Escorts Kubota, it has always been our endeavour to develop customer friendly technological solutions.

Our low maintenance, highly reliable & fuel-efficient Diesel Gensets are tailor-made for use in telecom, nursing homes, educational institutions, residence, showrooms, retail stores, SMEs, petrol pumps, farm houses & other applications. They have been designed to provide uninterrupted power supply, so that your business can run 24x7.

Thus partnering in your growth.



ESCORTS GENSET

SETTING NEW PERFORMANCE STANDARDS:

- State-of-the-art ADI* technology for unmatched power & diesel economy
- Plateau-honed wet liners for low lube oil consumption
- Designed for 100% continuous operation & longer service intervals
- Class A1 governing with 45 regulation that gives stable operation in fluctuating load conditions
- Efficient cooling mechanism and no frequent top-ups.

Escorts silent DG sets. The most advanced in its class.

Smart operations

- Microprocessor based auto-start controller for AMF operation
- Remote start & stop facility
- In-built event log(optional)

Environment-friendly

- Less noise with low vibrations
- Cleaner emissions
- Meets CPCB-II norms

Safe-to-use

- In-built safety featur like HWT, LLOP, LFL, CHF & RWL
- Equipped with fire-retardant form

IoT enabled smart Genset

- Access to Genset status remotely
- Helps in re-settings of the alarms remotely.
- To manage shipment of fuel to maximize overall Genset performance



HWT: High Water Temperature, LLOP: Low Lube Oil Pressure, LFL: Low Fuel Level
 CHF: Charging Failure, RWL: Radiator Water Level
 +Advanced Direct Injection.

TECHNICAL SPECIFICATION: GENSET ENGINES

Technical Specification

DG Set Model	Units	ELG-7.5 KVA	ELG-10 KVA	ELG-15 KVA	ELG-20 KVA	ELG-25 KVA	ELG-30 KVA	ELG-35 KVA	ELG-40 KVA	ELG-45 KVA	ELG-50 KVA	ELG-62 KVA	ELG-70 KVA
Power Rating	kVA / kWe	7.5 / 6	10 / 8	15 / 12	20 / 16	25 / 20	30 / 24	35 / 28	40 / 32	45 / 36	50 / 40	62.5 / 50	70 / 56
Canopy Size	LxWxH (mm)	1500x800x950	1500x800x950	1700x900x1150	1950x950x1300	2000x1030x1350	2000x1030x1350	2000x1030x1350	2500x1050x1450	2500x1050x1450	2450x1050x1500	2450x1050x1500	2450x1050x1500
Battery	Ah	70	70	88/100	88/100	100/120	100/120	100/120	100/120	100/120	120	120	120
Starting System	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL	12V DC EL
Weight	Kg	600	600	750	850	1000	1000	1000	1080	1080	1200	1200	1200
Fuel Tank Capacity	Litres	95	95	100	100	100	100	100	130	130	150	150	150
Engine Model		G12-II	G12-II	G15-II	G20-II	G25-II	G30-II	G30-II	G40-II	G40-II	G62.5	G62.5	G62.5
Engine Power	bhp	18	18	22	25	33	43	43	58	58	88	88	88
Rated Speed	RPM	1500											
No. of Cylinders		2	2	2	3	3	3	3	4	4	4	4	4
Bore	mm	91	91	95	91	91	91	91	91	91	98	98	98
Stroke	mm	110	110	110	110	110	110	110	110	110	122	122	122
Total Displacement	cc	1430	1430	1560	2145	2145	2145	2145	2860	2860	3680	3680	3680
Lube Oil Sump Capacity	Ltrs	6.5	6.5	6.5	7.5	7.5	7.5	7.5	8.5	8.5	10	10	10
Fuel Consumption (ltrs./hr.)	@100% Load	2.42	2.86	3.78	4.6	5.46	6.46	7.32	9.50	10.92	11.52	14.40	15.86
	@75% Load	1.98	2.16	2.98	3.45	4.42	5.06	5.94	7.12	7.85	8.37	10.46	11.78
Compression Ratio		17.5 : 01											
Aspiration		Natural				Turbo Charged			Turbo Charged Inter Cooled				
Cooling System		Water/Coolant											
Flywheel Housing/Flywheel		SAE3/SAE10											
FIP		MICO Bosch - Inline Pump, Mech-governing											
Emission Norms		CBCP-II Compliant											
Alternator													
Type		Brushless, H Class Insulation											
Frequency	Hz	50											
Voltage	volts	230/415											

**Due to continues product improvements , specifications are subject to change without prior notice



DG Set Model	Units	ELG 82.5	ELG 100	ELG 125
Rating	kVA	82.5	100	125
Power Rating	kW	66	80	100
No. of Phase		3phase		
Output Voltage	V	415		
Power Factor	PF	0.8		
Engine Model		697 TC 51	697 TC 52	697TC10
Engine Power @ 110% Load	BHP	120	137	156
Rating speed	RPM	1500		
No. of cylinders		6		
Bore x Stroke	mm	97x128		
Total Displacement	cc	5.7		
Starting Systems		12V		
Fuel Tank Capacity	Ltrs	200		
Lube Oil Sump Cap	Ltrs	15.5		
Fuel consumption @ 75% load (lit./hr)	Ltrs	13	16.2	20
Fuel consumption @ 100% load (lit./hr)	Ltrs	17.6	22.1	27
Compression Ratio		17.5:1		
Aspiration		Turbocharged & Indercooled		
Cooling System		Liquid Cooled		
Genst Size	(LxWxH) (mm)	3200x1200x1600		
Genst weight	kg	1900	1900	1950
Alternator		Stamford/Leroy somer		
Enclosure Type		IP23		
Voltage Regulation		± 1		
Class of Insulation		Class H		

BENEFITS TO CUSTOMERS

Big on Savings

- The most fuel-efficient in its range
- Low operating cost
- Compact size to fit low space criteria in roof-to applications
- High reliability with low maintenance

Excellent Service Support

- Peace of mind with 24x7 single-window service
- Widest network of genset service dealers
- Well-trained & equipped technicians at all dealer locations
- Multi-tier availability of spare parts & efficient supply chain management.
- Advanced communication facilities to deliver prompt response
- Call monitoring system and robust escalation procedure to eliminate pending calls
- Option of AMC/CAMC
- Also available on lease and/or hire



Escorts Kubota Limited

Engine Applications Business,
15/5 Mathura Road
Faridabad-121003, Haryana

E-Mail : engine.helpdesk@escorts.co.in
Website : www.escortsgroup.com
Phone : 1800 102 1118



Authorised Dealer

OEM

